

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

Please type a plus sign (+) inside this box → ☐

PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | |
|---|-------------------------------|------------------|
| DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) <input checked="" type="checkbox"/> Declaration Submitted with Initial Filing OR <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required) | Attorney Docket Number | D5151 |
| | First Named Inventor | Kenneth J. Smith |
| | COMPLETE IF KNOWN | |
| | Application Number | |
| | Filing Date | |
| | Group Art Unit | |
| | Examiner Name | |

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

VEHICLE HEATING AND AIR CONDITIONING MODULES

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

(if applicable).

Application Number

and was amended on (MM/DD/YYYY)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed | Certified Copy Attached? | |
|-------------------------------------|---------|----------------------------------|--------------------------|--------------------------|--------------------------|
| | | | | YES | NO |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

| Application Number(s) | Filing Date (MM/DD/YYYY) | <input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto. |
|-----------------------|--------------------------|--|
| 60/271,084 | 2/23/01 | |

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

DECLARATION — Utility or Design Patent Application

Direct all correspondence to:

☒ Customer Number
or Bar Code LabelOR ☐

Correspondence address below

Name Jeffrey P. Calfa

30410

PATENT TRADEMARK OFFICE

Address International Truck and Engine Corporation

Address 4201 Winfield Rd.

City Warrenville

State IL

ZIP 60555

Country U.S.A.

Telephone 630/753-3023

Fax 630/753-3982

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR :

☐ A petition has been filed for this unsigned inventorGiven Name Kenneth J.
(first and middle [if any])Family Name Smith
or SurnameInventor's
Signature

Date FEB 18, 2002

Residence: City Yoder

State IN

Country USA

Citizenship United States

Mailing Address 2906E 1200N

Mailing Address

City Yoder

State IN

ZIP 46798

Country U.S.A.

NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventorGiven Name Carl B.
(first and middle [if any])Family Name Dalkert
or SurnameInventor's
Signature

Date

2-18-02

Residence: City Fort Wayne

State IN

Country USA

Citizenship United States

Mailing Address 14809 Deerberry Ct.

Mailing Address

City Fort Wayne

State IN

ZIP 46814

Country United States

☒ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

20070303 08:26:00

Please type a plus sign (+) inside this box → +

PTO/SB/02A (11-00)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 1 of 1

| | | | |
|---|-------------|---|--------------------|
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle [if any]) | | Family Name or Surname | |
| Michelle R. | | Gehres | |
| Inventor's Signature <i>Michelle R. Gehres</i> | | Date | |
| Residence: City Convoy | State OH | Country USA | Citizenship USA |
| Mailing Address 4227 Tully-Harrison Rd. | | | |
| Mailing Address | | | |
| City Convoy | State OH | ZIP 45832 | Country USA |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle [if any]) | | Family Name or Surname | |
| Gregory J. | | Kolodziej | |
| Inventor's Signature <i>Gregory J. Kolodziej</i> | | Date | |
| Residence: City Fort Wayne | State IN | Country USA | Citizenship USA |
| Mailing Address 6534 Tree Top Trail | | | |
| Mailing Address | | | |
| City Fort Wayne | State IN | ZIP 46845 | Country USA |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle [if any]) | | Family Name or Surname | |
| | | | |
| Inventor's Signature | | Date | |
| Residence: City | State | Country | Citizenship |
| Mailing Address | | | |
| Mailing Address | | | |
| City | State | ZIP | Country |

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

10079738-022102

Please type a plus sign (+) inside this box → ☐

PTO/SB/81 (10-00)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it display a valid OMB control number.

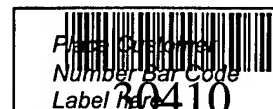
POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

| | |
|------------------------|------------------|
| Application Number | |
| Filing Date | |
| First Named Inventor | Kenneth J. Smith |
| Group Art Unit | |
| Examiner Name | |
| Attorney Docket Number | D5151 |

I hereby appoint:

☒ Practitioners at Customer Number
OR

☐ Practitioner(s) named below:



PATENT TRADEMARK OFFICE

| Name | Registration Number |
|-----------------------|---------------------|
| Dennis Kelly Sullivan | 26,510 |
| Jeffrey P. Calfa | 37,105 |
| Neil Powell | 45,202 |
| Gilberto Hernandez | 46,483 |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number.

OR

| | | | | | |
|--|---|-------|--------------|-----|-------|
| <input type="checkbox"/> Firm or Individual Name | International Truck Intellectual Property Company, L.L.C. | | | | |
| Address | P.O. Box 1488 | | | | |
| Address | 4201 Winfield Rd. | | | | |
| City | Warrenville | State | IL | Zip | 60555 |
| Country | U.S.A. | | | | |
| Telephone | 630/753-3023 | Fax | 630/753-3982 | | |

I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

| | |
|-----------|------------------|
| Name | Kenneth J. Smith |
| Signature | |
| Date | FEB 18, 2002 |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 4 forms are submitted.

Please type a plus sign (+) inside this box → ☐

PTO/SB/81 (10-00)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it display a valid OMB control number.

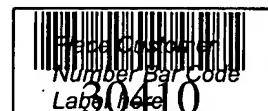
POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

| | |
|------------------------|------------------|
| Application Number | |
| Filing Date | |
| First Named Inventor | Kenneth J. Smith |
| Group Art Unit | |
| Examiner Name | |
| Attorney Docket Number | D5151 |

I hereby appoint:

☒ Practitioners at Customer Number
OR

☐ Practitioner(s) named below:



PATENT TRADEMARK OFFICE

| Name | Registration Number |
|-----------------------|---------------------|
| Dennis Kelly Sullivan | 26,510 |
| Jeffrey P. Calfa | 37,105 |
| Neil Powell | 45,202 |
| Gilberto Hernandez | 46,483 |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number.

OR

| | | | | | |
|--|---|-------|--------------|-----|-------|
| <input type="checkbox"/> Firm or Individual Name | International Truck Intellectual Property Company, L.L.C. | | | | |
| Address | P.O. Box 1488 | | | | |
| Address | 4201 Winfield Rd. | | | | |
| City | Warrenville | State | IL | Zip | 60555 |
| Country | U.S.A. | | | | |
| Telephone | 630/753-3023 | Fax | 630/753-3982 | | |

I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

| | |
|-----------|-----------------|
| Name | Carl B. Dalkert |
| Signature | |
| Date | 2-18-02 |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 4 forms are submitted.

Please type a plus sign (+) inside this box → ☐

PTO/SB/81 (10-00)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it display a valid OMB control number.

POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number

Filing Date

First Named Inventor

Group Art Unit

Examiner Name

Attorney Docket Number

Kenneth J. Smith

D5151

I hereby appoint:

☒ Practitioners at Customer Number

30410

☐ Practitioner(s) named below:



| Name | Registration Number |
|-----------------------|---------------------|
| Dennis Kelly Sullivan | 26,510 |
| Jeffrey P. Calfa | 37,105 |
| Neil Powell | 45,202 |
| Gilberto Hernandez | 46,483 |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number.

OR

☐ Firm or
Individual Name

International Truck Intellectual Property Company, L.L.C.

Address

P.O. Box 1488

Address

4201 Winfield Rd.

City

Warrenville

State

IL

Zip

60555

Country

U.S.A.

Telephone

630/753-3023

Fax

630/753-3982

I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name

Michelle R. Gehres

Signature

Michelle R. Gehres

Date

2-20-02

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 4 forms are submitted.

Please type a plus sign (+) inside this box → ☐

PTO/SB/81 (10-00)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it display a valid OMB control number.

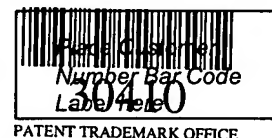
POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

| | |
|------------------------|------------------|
| Application Number | |
| Filing Date | |
| First Named Inventor | Kenneth J. Smith |
| Group Art Unit | |
| Examiner Name | |
| Attorney Docket Number | D5151 |

I hereby appoint:

☒ Practitioners at Customer Number

30410



☐ Practitioner(s) named below:

| Name | Registration Number |
|-----------------------|---------------------|
| Dennis Kelly Sullivan | 26,510 |
| Jeffrey P. Calfa | 37,105 |
| Neil Powell | 45,202 |
| Gilberto Hernandez | 46,483 |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number.

OR

| | | | | | |
|--|---|-------|--------------|-----|-------|
| <input type="checkbox"/> Firm or Individual Name | International Truck Intellectual Property Company, L.L.C. | | | | |
| Address | P.O. Box 1488 | | | | |
| Address | 4201 Winfield Rd. | | | | |
| City | Warrenville | State | IL | Zip | 60555 |
| Country | U.S.A. | | | | |
| Telephone | 630/753-3023 | Fax | 630/753-3982 | | |

I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

| | |
|-----------|----------------------|
| Name | Gregory J. Kolodziej |
| Signature | |
| Date | FEBRUARY 20, 2002 |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 4 forms are submitted.